BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF INDOOR STADIUM WITH ALL AMENITIES AT SAHAKARNAGAR IN WARD NO.08 KODIGEHALLI

KODIGEHALLI SUB DIVISION

Client	Sri Abbu Sambasiva Reddy #1-B-3,Sree Arcade Layout 4th Block,DB
	WORKSLIP RATE ANALYSIS
Estimate Amount:-	60000000.000
Approved Amount	65528471.000
Name of Contractor:-	Sri Abbu Sambasiva Reddy #1-B-3,Sree Arcade Layout 4th Block,DB sandra,Vidyaranyapura,Bangalore-560097
Tender premium:-	(+)9.78%

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
4	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.12 Item No 4.3	Cum	Pg No.12 of KPWD S.R 2016-17	4.3	4867.00	0	4867.00	389.36	5256.36	514.07	5770.43
80	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specification and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	Pg No.107 of KPWD S.R 2016-17	14.44	1069.00	0	1069.00	85.52	1154.52	112.91	1267.43

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
94	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	m	Pg No.111 of KPWD S.R 2016-17	14.41.2	1484.00	0	1484.00	118.72	1602.72	156.75	1759.47
95	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	m	Pg No.111 of KPWD S.R 2016-17	14.41.2	1484.00	1.5	1485.50	118.84	1604.34	156.90	1761.24
101	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and as per directions of Engineer in charge of the work (First Floor)	Sqm	Pg No.51 of KPWD S.R 2016-17	9.15	4643.00	3	4646.00	371.68	5017.68	490.73	5508.41

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
102	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) and as per directions of Engineer in charge of the work (Headroom)	Sqm	Pg No.51 of KPWD S.R 2016-17	9.15	4643.00	6	4649.00	371.92	5020.92	491.05	5511.97
109	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality and as per directions of Engineer in charge of the	Sqm	Pg No.33 of KPWD S.R 2016-17	7.11.2	4181.00	0	4181.00	334.48	4515.48	441.61	4957.09

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
110	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with	Sqm	Pg No.33 of KPWD S.R 2016-17	7.11.3	4181.00	5	4186.00	334.88	4520.88	442.14	4963.02
114	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (Ground Floor)	Sqm	Pg No.33 of KPWD S.R 2016-17	7.38	6147.00	0	6147.00	491.76	6638.76	649.27	7288.03

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
115	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (First Floor)	Sqm	Pg No.33 of KPWD S.R 2016-17	7.38	6147.00	5	6152.00	492.16	6644.16	649.80	7293.96
116	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and as per directions of Engineer in charge of the work (Second Floor)	Sqm	Pg No.33 of KPWD S.R 2016-17	7.38	6147.00	10	6157.00	492.56	6649.56	650.33	7299.89

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
124	Providing and fixing M.S. Gate as per Chief Architect Drawing,using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.	Sqm	Pg No.33 of KPWD S.R 2016-17	7.38	2934.00	0	2934.00	234.72	3168.72	309.90	3478.62
159	25mm dia 2mm thick	kgs	Pg No.40 of KPWD S.R 2016-	7.29	57.00	0	57.00	0	57.00	5.57	62.57
162	upto 50mm conduit CC floor	kgs	Pg No.40 of KPWD	7.29	30.00	0	30.00	0	30.00	2.93	32.93
163	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm …. etc. as required. 25mm	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	26.00	0	26.00	0	26.00	2.54	28.54
165	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm …. etc. as required. 25mm	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	30.00	0	30.00	0	30.00	2.93	32.93
166	Supplying And Fixing Metal Fan Box with Round Hook.	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	92.00	0	92.00	0	92.00	9.00	101.00

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
167	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A. Short point upto 3Mtr from tapping point to out let via switch box	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	144.00	0	144.00	0	144.00	14.08	158.08
168	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	215.00	0	215.00	0	215.00	21.03	236.03
170	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	423.00	0	423.00	0	423.00	41.37	464.37
171	Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	593.00	0	593.00	0	593.00	58.00	651.00
173	2.5 sqmm	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	29.2	0	29.20	0	29.20	2.86	32.06

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
269	Making connection of drain or sewer line of size 160 to 200mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and down size granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement and making necessary channels for the drain, including cost of materials, labour charges, HOM of machineries complete as per specifications	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	2276.00	0	2276.00	182.08	2458.08	240.40	2698.48
271	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. do- with 90mm outer dia	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	481.00	0	481.00	38.48	519.48	50.81	570.29
273	Providing and fixing unplasticised PVC pipes 10.00 kg/sq.cm working pressure chemp plast/wavin or equivalent make with pipe fittings, clips, making good the floor , including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications.do- with 160mm outer dia	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	1450.00	0	1450.00	116	1566.00	153.15	1719.15
280	Providing wash basin brackets of approved 1st qyuality and make confirming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials and conveyance to work spot.	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	280.00	0	280.00	22.4	302.40	29.57	331.97

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
284	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. - do - 110 mm dia.	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	412.00	0	412.00	32.96	444.96	43.52	488.48
285	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe. - do 160mm dia	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	830	0	830.00	66.4	896.40	87.67	984.07
286	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	243	0	243.00	19.44	262.44	25.67	288.11

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S.No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
298	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 15mm nominal OD pipes	Mtr	Pg No.40 of KPWD S.R 2016-17	7.29	130	0	130.00	10.4	140.40	13.73	154.13
299	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 20mm nominal OD pipes	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	210	0	210.00	16.8	226.80	22.18	248.98

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No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)9.78%	Final Rate.
300	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for not and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 25mm nominal OD pipes	kgs	Pg No.40 of KPWD S.R 2016-17	7.29	250	0	250.00	20	270.00	26.41	296.41

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